

ABSTRACT OF THE DISCLOSURE

~~The present invention relates to a~~ A ~~device for non-contact or low-contact conveying of structural elements (1) or materials along a conveying track. Furthermore, the invention relates to a device for non-contact or low-contact handling and storing of structural elements (1) or materials. A device for generating a floating state by sound waves is provided, which comprises the following features:~~ [-] includes a rigid support structure [[(2)]] having a support structure top surface [[(3)]] for absorbing forces generated by the gravitation or acceleration of the levitating object and perpendicularly acting on the support structure top surface [[(3),]]. [- a] A thin oscillatory element [[(4)]] is arranged in parallel to the support structure top surface [[(3),]]. [-] Further provided is a vibration generating means ~~(5) generator~~ for making the thin oscillatory element [[(4)]] vibrating and levitating above the support structure top surface [[(3)]] so that the object [[(1)]] is levitating above the thin oscillatory element [[(4)]] without contacting it.